



Ideal

Suite: The Stone-Like

by Arya Akhavan (June 2015)

Angles for R.I. = 1.500

25 + 9 girdles = 34 facets

1-fold, mirror-image symmetry

96 index

$L/W = 1.142$ $T/W = 0.579$ $U/W = 0.517$

$P/W = 0.443$ $C/W = 0.133$

$Vol./W^3 = 0.185$

PAVILION

P1	47.86°	29-35-61-67	Cut to centerpoint.
P2	43.84°	15-81	Meet at culet.
P3	44.29°	08-88	Meet at culet.
P4	43.94°	96	Meet at culet.
G1	90.00°	29-35-61-67	Set stone size.
G3	90.00°	08-88	Level girdle.
G4	90.00°	96	Level girdle.
G2	90.00°	15-81	Level girdle.
P5	44.86°	30-34-62-66	Meet P1, G1

CROWN

C1	35.85°	29-35-61-67	Set girdle width.
C2	25.52°	15-81	Level girdle.
C3	28.38°	08-88	Level girdle.
C4	25.08°	96	Level girdle.
C5	31.93°	32-64	Meet G1, C1
T	0.00°	Table	Meet C1, C2, C5; C2, C3, C4

Right after I finished my 3rd year of med school, I decided to write a suite that basically just took old designs, and rotated/mirrored/stretched them to make totally new and unrelated-looking designs. This is a very simple and fast pear design with a crown derived from my Tessellation suite, and it's pretty easy too! Works in materials from petalite to CZ (RI = 1.50 - 2.16) with no changes.

C:\Users\ARYADE~1\Pictures\Gems\DESIGN~1\WORKSI~1\Done\36IDEA~1.GEM